

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-129-10599-0000 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company BRECK OPERATING CO Lease RILEY "D" Well No. 05 "A"

County Morton Location Location Section 27 Township 34S Range 42W Acres

Field Taloga Reservoir MORROW Pipeline Connection

Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At

Production Method: Type Fluid Production: API Gravity of Liquid/Oil

Flowing Pumping Gas Lift 0.12 41.0

Casing Size 5 1/2 Weight I.D. Set At Perforations To 4346 - 4353

Tubing Size 2 3/8 Weight I.D. Set At Perforations To

Pretest: Starting Date 7-85 Time 10:15 A Ending Date Time Duration Hrs.

Test: Starting Date 7-85 Time 10:15 AM Ending Date 7-2-85 Time 10:15 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:	Tubing:								
15					50		N/A		
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	200	1	9	3	185.01	9	5	188.35	0 3.34
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections:			Orifice Meter Range				
Pipe Taps:	Flange Taps:		Differential:	Static Pressure:			
			50"	250 #			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In.Water	Paig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	4"	.750	7.0			.773	60
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia) (Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
3292.1	63.7	2.112				

Gas Prod. MCFD Flow Rate (R): 70 Oil Prod. Bbls./Day: 3.34 Gas/Oil Ratio (GOR) = 21.98 MCF per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 2 day of July 1985

For Offset Operator: Glen R. Barlow For State: Don Tuck For Company:

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE:

Company BRECK OPERATING COMPANY Lease RILEY "D" Well No. 05 "A"

County MORTON Location Section 27 Township 345 Range 42W Acres

Field Reservoir MORROW Pipeline Connection PANHANDLE EASTERN PIPELINE COMPANY

Completion Date Type Completion (Describe) SINGLE (OIL) Plug Back T.D. Packer Set At

Production Method: Type Fluid Production OIL API Gravity of Liquid/Oil 41.0

Flowing (Pumping) Gas Lift Casing Size 5 1/2 Weight I.D. Set At 4426 Perforations To 4346-4353

Tubing Size 2 3/8 Weight I.D. Set At 4404 Perforations To

Pretest: Duration Hrs.

Starting Date Time Ending Date Time

Test: Duration Hrs.

Starting Date 7-1-85 Time 10:15 A.M. Ending Date 7-2-85 Time 10:15 A.M. 24 HRS.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size						
Casing: 15	Tubing: N/A	15		N/A						
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200	1	9	3	185.01	9	5	188.35	0	3.34
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:		Flange Taps:	Differential: 50"			Static Pressure: 250#		
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure		Diff. Press.	Gravity	Flowing	
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	4"	.750			49.3	7.0	.773	60
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia) (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
2.793	62.5	20.92	1.137	1.000	1.000	-

Gas Prod. MCFD Flow Rate (R): 66 Oil Prod. Bbls./Day: 3.34 Gas/Oil Ratio (GOR) = 19,760 Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 3RD day of JULY 19 85

For Offset Operator

For State

STATE CORPORATION COMMISSION  
 RECEIVED *Wichita* Company

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